

Title (en)
Plastic fibre for artificial turf

Title (de)
Kunststofffaser für einen Kunstrasenbelag

Title (fr)
Fibre synthétique pour un revêtement de pelouse artificielle

Publication
EP 2395135 A1 20111214 (DE)

Application
EP 10004948 A 20100511

Priority
EP 10004948 A 20100511

Abstract (en)
Plastic fiber (2) comprises a first plastic component (4) and a second plastic component (6) embedded in the first plastic component, where the second plastic component exhibits a greater resilience than the first plastic component, and is formed as at least two stands extending in the longitudinal direction of the plastic fiber. An independent claim is also included for an artificial turf covering, comprising a planar carrier and a useable pile, which is formed of pile yarns connected with the carrier, where the pile yarns of useable pile are at least partially made from the plastic fiber.

Abstract (de)
Die Erfindung betrifft eine Kunststofffaser für einen Kunstrasenbelag umfassend eine erste Kunststoffkomponente (4) und eine in der ersten Kunststoffkomponente (4) eingebettete zweite Kunststoffkomponente (6). Erfindungsgemäss weist die zweite Kunststoffkomponente (6) ein höheres Rückstellvermögen als die erste Kunststoffkomponente (4) auf und ist in Form von mindestens zwei in Längsrichtung der Kunststofffaser verlaufenden Strängen (8a-8e) ausgebildet.

IPC 8 full level
D01F 6/46 (2006.01); **D01F 8/06** (2006.01); **D01F 8/12** (2006.01); **E01C 13/08** (2006.01)

CPC (source: EP)
D01D 5/253 (2013.01); **D01D 5/36** (2013.01); **D01F 8/06** (2013.01); **D01F 8/12** (2013.01)

Citation (applicant)
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• DE 10307174 A1 20040902 - MOTECH GMBH TECHNOLOGY & SYSTE [DE]
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• [A] EP 2161374 A1 20100310 - MOTECH GMBH TECHNOLOGY & SYSTE [DE]
• [A] JP H09220781 A 19970826 - DIATEX KK
• [A] WO 2004027130 A1 20040401 - FIBERVISIONS AS [DK], et al

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2395135 A1 20111214; **EP 2395135 B1 20120725**; EP 2520696 A1 20121107; EP 2520696 B1 20140226; ES 2391253 T3 20121122; ES 2452523 T3 20140401

DOCDB simple family (application)
EP 10004948 A 20100511; EP 12005285 A 20100511; ES 10004948 T 20100511; ES 12005285 T 20100511